

REPRODUCIBLE 2

Making Healthy Decisions

TEACHER PAGES

Reach Out Now:

Teachers!

This program will help you meet national standards in science, health, language arts, and social studies!

Talk with Your Fifth Graders About Underage Alcohol Use

Activities:

1. With other students in your class, choose one of the following health-threatening situations or think of another situation that could be harmful to your health.

An older friend dares you to:

- Ride a bike without a helmet
- Run across a multilane highway
- Hitchhike
- Drink a beer

2. Write your answers to the questions below on the back of this page.

How would you decide whether or not to do what your friend is asking?

What would be the healthiest decision in each case?

What might happen if you said “Yes”?

What’s the best and worst thing that might happen if you said “No”?

3. Pick a strategy from the List of “No’s” in the box to the right. Then finish this dialogue:

Friend: So, do you want to _____?
(Write in the situation you chose.)

You: No. Are you _____? My parents would lock me up.

Friend: You are such a baby. Come on. They won’t find out.

You: _____

Friend: _____

You: _____

The List of “No’s”

Here are some of the many ways to say “No.”

Repeat: “No, I don’t want to.”
“No thanks.” “No, I can’t.”

Justify: “I can’t. I have to _____.” (Make an excuse.)

Substitute: “No, let’s _____.”
(Substitute another activity.)

Walk Away: “No. I have to go.”

Your teacher will ask you to pair up and read your dialogue with a classmate.

Remember to make eye contact, speak clearly, and be confident.

Which way of saying “No” worked best, in your opinion? Why was it effective?

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Dear Teachers,

Taking action against underage alcohol use isn’t easy, but knowledge is the first step. School is a great place to open a dialogue with students about alcohol. As you know, fifth grade isn’t too early to start this kind of discussion. After all, research shows that underage alcohol users number nearly 10.7 million youth aged 12–20.¹ This publication, developed in partnership with Scholastic Inc. and targeted specifically to you—the fifth-grade teacher—will help you and your students, with their parents or guardians as partners, get the conversation started. Please incorporate the information on these pages into your teaching curriculum, and remember to send the **Family Resource Guide** home with your students.

The benefits of classroom and at-home activities and discussions on this subject can last a lifetime and make a lifetime last.

*Tommy G. Thompson, Secretary
U.S. Department of Health and Human Services*

Your Students Are at a Critical Age

Sometimes young people start thinking about drinking years before they consider trying it.² The earlier a child drinks alcohol, the more likely he or she is to develop alcohol dependency problems.³ It takes less alcohol to damage a young brain than to damage a mature one; and the young brain is damaged more quickly.⁴ The goal of the **REACH OUT NOW: Talk with Your Fifth Graders About Underage Alcohol Use** program is to prevent underage alcohol use.

You Can Make a Difference

As a fifth-grade teacher talking with 10- and 11-year-olds every day, you have opportunities to influence their understanding of underage alcohol use. These **Teacher Pages** focus on three key actions you, as a teacher, can take:

- Provide your students with factual information about the effects of underage alcohol use.
- Encourage your students to use critical-thinking skills to make healthy decisions and to express themselves effectively.
- Build students’ confidence in their decision-making skills by providing them with opportunities to share their new knowledge with others.

Your Students’ Families Can Help Meet This Challenge

Families and caregivers also have the power to prevent underage alcohol use. Research shows that parents are the most powerful influence on youth behavior.⁵ Parents’ disapproval of underage alcohol use has been identified as the key reason children choose *not* to drink.⁶ The **REACH OUT NOW Family Resource Guide** identifies the six actions⁷ parents and caregivers can take to help children make wise decisions about the use of alcohol. The six actions are:

- Establish and maintain good communication with your child.
- Get involved and stay involved in your child’s life.
- Make clear rules and enforce them with consistency and appropriate consequences.
- Be a positive role model.
- Teach your child to choose friends wisely.
- Monitor your child’s activities.

Facts for Teachers

The Good News:

The majority of children and youth are not current drinkers. In fact, nearly 60 percent of youth aged 12–17 haven’t ever had a drink.⁸

Delaying Onset Is Key:

More than 40 percent of people who begin drinking before age 13 will develop alcohol abuse problems or alcohol dependence sometime in their lives.⁹

Easy Access to Alcohol:

In a recent national survey, 67 percent of eighth graders said alcohol was “fairly easy” or “very easy” to get.¹⁰ In one study, one third of fourth graders and more than half of sixth graders reported having been pressured by friends to drink alcohol.¹¹

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LESSONS

Use these three lessons in sequence. Build on students' understanding of the negative effects of alcohol to encourage them to make and articulate healthy decisions for themselves. Then help them build communication skills to share this knowledge with others.

1 Understanding the Effects of Alcohol

National Research Council, National Science Education Standards 5–8.6
Science in Personal and Social Perspectives—Personal Health, Risks and Benefits
Joint Committee for National School Health Education Standards
Standards 1, 3, 4

Key Action: Provide your students with facts about the effects of drinking alcohol.

Curriculum Connections: Life Science, Health

What Students Will Learn: Students will understand the effects of underage alcohol use on their bodies.

Rationale: By fifth grade, most students have studied life science and the human body, and they are at a cognitive level to understand cause and effect and to think critically about information they are given. Knowledge of alcohol's effects can help them understand the importance of making healthy decisions about alcohol.

Materials Needed: Copies of **Understanding the Effects of Alcohol** reproducible 1.

Procedure: Discuss how the media portrays drinkers and the effects of drinking. Distribute the reproducible. Read aloud the description of alcohol's effects, defining unfamiliar words and correcting students' misconceptions. Students should understand that drinking alcohol can result in a loss of control and can make drinkers do things they do not want to do. They should understand that alcohol affects different people in different ways and that even one drink can have serious effects. List any questions students have on the board and assign teams of students to research the answers in reference books.

Follow-Up: Ask students to complete the at-home activity **Alcohol: A True/False Quiz** (page 3 of the **Family Resource Guide**) with their families. Have them bring the quiz into class and review the answers together. Invite students to take the **Understanding the Effects of Alcohol** reproducible home to share with their parents and caregivers.

2 Getting It: A Science Experiment

National Research Council, National Science Education Standards 5–8.1
Science as Inquiry
Joint Committee for National School Health Education Standards
Standards 7, 9

Key Action: Help your students visualize the effects of drinking alcohol on the developing brain using a simple science experiment.

Curriculum Connections: Life Science, Health

What Students Will Learn: Students will better understand the effects of alcohol on the developing brain.

Rationale: Students have a hard time visualizing just how alcohol can affect the developing brain. Teachers can help students better understand this with the following experiment.

Materials Needed: Glass lab dishes, bottles of rubbing alcohol, eggs.

Procedure: Ask the students what they remember about the discussion the class had about the effects of alcohol. Prompt them to describe some of the effects of alcohol that they reviewed on the Lesson 1 reproducible. Have students get into groups of two or



three. Give each group an egg, a lab dish, and enough rubbing alcohol to cover the egg in the dish. Ask each group to crack the egg without breaking the yolk and to place it in the dish. One student in each group should pour the rubbing alcohol over the egg until it is covered. Ask students to leave the dishes alone while you continue your conversation. After 5 minutes, ask the students to look at their eggs. What changes have taken place in the eggs' color, consistency, etc.?

Follow-Up: Have students discuss what the changes in the eggs mean and how they relate to what you've been talking about. What effect does alcohol have on the cells of our bodies and brains?

3 Making Healthy Decisions

National Council of Teachers of English, International Reading Association
Standards for the English Language Arts—5, 12
Joint Committee for National School Health Education Standards
Standards 3, 5, 6

National Research Council, National Science Education Standards 5–8.6
Science in Personal and Social Perspectives—Personal Health, Risks and Benefits

Key Action: Encourage your students to use critical-thinking skills to make healthy decisions and to express themselves effectively.

Curriculum Connections: Health, Life Skills, Language Arts

What Students Will Learn: Students will analyze how they make decisions, practice refusal strategies, and discuss the consequences of saying “No” to a friend.

Rationale: Students at school are surrounded by peers for hours every day. Teachers can help students cope with peer selection and peer influence.

Materials Needed: **Making Healthy Decisions** reproducible 2.

Procedure: Explain to students that this role-playing lesson will help them:

1. Identify situations in which the decisions they make can affect their health.
2. Answer the question: What is the worst thing that can happen when you say “No”?
3. Develop refusal strategies that work.

Distribute the reproducible. As you read through the page with students, share some of the steps that you follow when making a decision, such as *getting the facts*, *considering options*, *telling others your decision*, and *accepting their responses*. Allow students time to complete the writing assignment on the reproducible page. Then review student answers and select pairs of students to act out one of their dialogues. Discuss what might be the worst thing that can happen when you say “No.” Make sure students understand that saying “No” to a friend can have more than one outcome and that taking a stand about one's health can be more important than friendship.

Follow-Up: Have students take the reproducible home and talk with their parents or guardians about the ways in which their family makes decisions.

REPRODUCIBLE 1

Understanding the Effects of Alcohol



Introduction:

You probably have seen people drinking alcohol in real life, on television, in videos, or in the movies. The alcohol might have been beer, wine, or a cocktail. It may have been served in a glass, in a bottle, or in a can. On TV, in movies, in videos, people drinking alcohol may seem to be happy, rich, and famous. Some may seem silly. Some may appear sad, angry, or even violent. In real life, you may have seen people act in these ways when they have been drinking. Or maybe not. The truth is that alcohol affects different people in different ways. But one thing is sure. Alcohol is very dangerous for a young person like you, and it is illegal, too.

Learn How Alcohol Affects the Body:¹²

- With the first sip of alcohol, a drinker is affected.
- Alcohol passes through the lining of the stomach into the bloodstream. It irritates the stomach lining, which can make a person feel sick. If drinking continues, the person may vomit.
- Alcohol moves through the bloodstream to every organ in the body, including the brain.
- Once alcohol enters the brain, it changes the way a person behaves. Alcohol can make people do things they do not want to do.
- As a person drinks more alcohol, the ability to make decisions is affected. By drinking more and more alcohol, a person may lose balance and be unable to see or speak clearly. The more a person drinks, the worse the effects can be.
- Alcohol can have lasting effects on the brain, impairing how a person learns, thinks, and remembers.
- Alcohol can kill. When a person drinks too much alcohol in a very short period, alcohol poisoning can occur. Breathing gets difficult. A person can vomit, pass out, or even die.
- Some people become addicted to alcohol. They drink more and more as they get used to the alcohol. But they can stop and recover.

Remember: Just one drink can have serious effects.

Your age, your weight, your height, and your gender will all affect how you react to alcohol. For young people whose bodies are still developing, the effects of even a little alcohol can be worse than they are for older people.



2 1, 10. SAMHSA National Survey on Drug Use and Health, 2002. 2. Substance Abuse and Mental Health Services Administration (SAMHSA), *National Household Survey on Drug Abuse*, 2000. 3, 6. National Institute on Alcohol Abuse and Alcoholism (NIAAA), *Make a Difference: Talk to Your Child About Alcohol*, 2002. 4. H. S. Swartzwelder, W. A. Wilson, and M. T. Tayyeb, “Age-dependent Inhibition of Long-term Potentiation by Ethanol in Immature Versus Mature Hippocampus,” *Alcohol Clin Exp Res* 19, no. 6 (1995): 1480–1485. 5, 7, 11. Center for Substance Abuse Prevention (SAMHSA/CSAP), *Keeping Youth Drug-Free*, 2001. 8. *National Household Survey on Drug Abuse*, 2000. 9. B. E. Grant and D. A. Dawson, “Age of Onset of Alcohol Use and Association with DSM-IV Alcohol Abuse and Dependence: Results from the National Longitudinal Epidemiologic Survey,” *Journal of Substance Abuse* 9 (1997): 103–110. 12. Substance Abuse and Mental Health Services Administration (SAMHSA), *Tips for Teens: Alcohol*, 2002.